

Ecology and environment, inc.
International Specialists in the Environment

LOWBOOK #1

Job Number

JEFFERSON PROCESSING (REMOVAL ACTION)
-505-0002-008
-OF0801RAXX
IB:BSC2 (CERCLA)

EPA Region 5 Records Ctr.



388275

TUESDAY, 25 JULY 2000

1330 START BOWERMAN MEETS WITH U.S. EPA OSC THOMAS COOK AND ERRS (EARTH TECH) RM CHARLES KEEGAN. AT THE HOLIDAY INN LOCATED IN STUBENVILLE OHIO. OSC COOK, RM KEEGAN AND START BOWERMAN TRAVEL TO THE JEFFERSON PROCESSING SITE.

1410 OSC COOK, RM KEEGAN, AND START BOWERMAN ARRIVE ON SITE. ERRS RM, START AND OSC COOK PERFORM A SITE WALK THROUGH TO OBSERVE SITE CONDITIONS AND ROUTES OF ACCESS TO TRANSFORMERS ON THE UPPER FLOORS OF THE BUILDING. OSC COOK, RM KEEGAN AND START BOWERMAN WALK THROUGH BUILDING PLANT J-1 AND PLANT J-2 AND LOOK INSIDE FORMER LABORATORY.

1705 START BOWERMAN, OSC COOK, AND RM KEEGAN DEPART SITE. START AND ERRS WILL MOBILIZE TO THE SITE ON MONDAY JULY 31, 2000 AT 1400 HOURS. START TO CHECK ON LABORATORY FOR PCB, SOIL/DUST METALS, AND PERSONAL PUMP SAMPLES. START TO BRING MINI RAM, OR RAM. RAD MONITORING EQUIPMENT, MINE LIGHTS, AND PHOTO & VIDEO DOCUMENTATION. START DEPARTS THE SITE, END OF DAY 7-25-00

Start Bowerman

- MONDAY, JULY 31, 2000

-1400 - START LEACE ARRIVED AT HOLIDAY INN EXPRESS (ST. CLAIRVILLE, OH) AND MET WITH ERRS (EARTH TECH) HEALTH AND SAFETY OFFICER, RON PARTILLA, AND OTHER ERRS PERSONNEL. ERRS RM CHARLIE KEEGAN CALLED FROM JEFFERSON PROCESSING SITE (MINGO JUNCTION, OH) STATING THAT MEETING WITH EPA OSC COOK HAS BEEN POSTPONED FOR LATER TODAY. START LEACE AND ERRS H+S OFFICER DISCUSSED SITE HEALTH AND SAFETY PLAN.

- 1800 - ERRS Health and Safety / Scope of Work Briefing:
- Transformers - drain, flush, T+D of liquid + carcasses
 - Heavy dust accumulations (PCB/Chromium)
 - Hospital route needs to be adjusted and verified (CR 74 to SR 7 is closed due to construction).
 - Numerous physical hazards exist in buildings.
 - Mailing address for Site: 4243 County Rd 74
Mingo Junction, OH 43938
- 1930 - End of work day (START and ERRS check into hotels).

Start Leace

- TUESDAY, AUGUST 1, 2000
- 0730 - START Leance arrives on site.
- 0800 - OSC Cook and ERRS personnel on site.
- 0815 - MORNING SAFETY MEETING (Topics of discussion included):
 - Physical hazards - unstable floors, heights, slip-trip-fall hazards
 - Personal hygiene (hand washing) - investigate water supply (water truck)
 - Heavy equipment
 - Fall protection - required for heights greater than six feet (full-body harness).
 - Manual lifting (with legs).
 - Need to re-map hospital route (due to detour); Emergency phone numbers are in Section 7 of HASP (911 for all emergencies).
 - Air monitoring needed for enclosed spaces (e.g., transformer vaults).
 - Petroleum products (e.g., diesel fuel) used for flushing transformers may cause flammable hazard.
 - Hearing protection (3-H rule).
- 0930 - START assembling/organizing equipment and calibrating air monitoring instruments.
- 1030 - START and ERRS personnel begin walk-through and preliminary/recon air monitoring in Building J1 (see air monitoring log).
- 1230 - START and ERRS complete walk-through of Building J1. Twelve areas were identified as containing transformers/capacitors in need of removal actions. High dust accumulations were visible throughout (especially J1 ~~and J2~~ levels 2 and 3).
- 1450 - OSC Cook, START Leance, and ERRS personnel begin walk-through and preliminary/recon air monitoring in Building J2. Three areas

- were visible throughout the building (especially J2-levels 2 and 3). ERRS H+S Officer began collecting ~~comp~~ ^{comp} bulk dust samples for ~~PCB~~ ^{PLM} and heavy metal analyses at approximately 1530 hours at Building J2.
- 1400 - ERRS H+S Officer collecting ~~comp~~ ^{comp} bulk dust sampler for ~~PCB~~ ^{PLM} and heavy metal analyses in Building J1.
- 1500 - START reviewing Site files and background information (especially cost projections for PCB oil removal and disposal operations (possible bids)).
- 1700 - START tracking equipment which ERRS have moved to the Site. Discussing estimated quantities for removal/T+D.
- 1830 - OSC, START, and ERRS personnel off site.
 - ERRS RM and H+SO and START Leance drive to Trinity Hospital (Stevensville, OH) to verify hospital route from Site (10-mile drive/20-25 min trip).
- 1900 - ERRS personnel and START Leance departed from Trinity Hospital.

Drew Leance

- WEDNESDAY, AUGUST 2, 2000

- 0650 - START Pearce and Elliott on site
- 0700 - OSC and ERRS personnel on site.
- 0715 - MORNING SAFETY MEETING (topics of discussion included):
 - Transformer vaults/rooms need IDed and information needs to be collected on PCB oil est. quantities for removal/disposal.
 - High traffic will increase dust hazard.
 - Water supply to be brought in for decon
 - Personal hygiene needs maintained
 - Slip-trip-fall hazards significant (be aware of "carnot" tape).
 - Heat stress/humidity increasing.
 - 911 for all emergencies.
- 0800 - START reviewing Site Health and Safety Plan.
- 0900 - OSC Cook contacted U.S. EPA lawyer, Gaylene Vastano, who then contacted the legal council for Mike Swickard to instruct him to leave the site. OSC Cook instructed Mike Swickard to leave the property immediately. Mike Swickard made threats to ERRS personnel regarding "booby traps" he may set or may have already set in buildings/structures on the property (eg, electrical traps).
- 0930 - OSC, START, and ERRS PM met to discuss removal and disposal options and estimated quantities for disposal (including possible THD vendors).
- 1000 - Mike Swickard, Jefferson Processing caretaker, departed from site (refused to sign in+out on site entry/exit log sheet for 8/2/00).
- 1100 - START reviewing ERRS/Site Health and Safety Plan and discussing high priority tasks.

office trailer (EPA/~~ERRS~~^{START} CP) with equipment and supplies; met with ERRS FCA to discuss supplies needed.

- 1500 - START continues review of ERRS/Site HASP (met with ERRS H+S Officer) and drafts Technical Review Memo containing comments from review of HASP.
- 1630 - START begins drafting PCREP #1; submits Technical Review Memo to OSC Cook.
- 1730 - START Pearce and Elliott conduct walk-through in Building J1. START met with ERRS PM to discuss vaults/rooms containing transformers which have been accessed (i.e., doors opened) in Building J1. A total of 9 transformers have been identified and information extracted from by ERRS (3 on Ground Floor (GF) and 6 on 2nd Floor) in Building J1. START and ERRS delineated three separate levels or floors in Building J1.
- 1805 - START and ERRS PM and Head Foreman conduct a walk-through in stockroom/repair shop in Building J1. A total of 158 or 159 General Electric capacitors were observed in the stockroom.
- 1900 - DAILY WORK ORDER MEETING (topics of discussion):
 - AEP electricians to perform assessment/walk-through.
 - ERRS to inspect transformers in Building J1 and gather information on valves/fittings (sizes).
 - GE capacitors to be inventoried.
- 1945 - START, OSC, and ERRS personnel off site.

- THURSDAY, AUGUST 3, 2000
- 0650 - START Pearce and Elliott on site.
- 0700 - ERRS personnel on site.
- 0720 - MORNING SAFETY MEETING (topics of discussion included):
 - Level C when working with ~~transformers~~ chop saw on level 2 (J1).
 - Visual inspection of transformer valves/fittings/sizes (9) in Building J1.
 - Physical hazardous - slip-trip-fall, holes.
 - Heat stress awareness important (fluids).
 - Hearing protection when using chop saw.
- 0800 - ERRS visually inspecting transformers (9) in Building J1. One door is being opened via chop saw. START begins measuring and diagramming/mapping the exterior and interior features of Building J1.
- 0830 - Representatives from Hillendale VFD on site to introduce themselves and meet with OSC Cook.
- 1040 - Melody Stewart, Ohio EPA-SEDO, on site to meet with OSC Cook and submit information regarding PCB enforcement actions and notices for Jefferson concerning from Ohio EPA-SEDO.
- 1100 - START continuing measurements and mapping of interior features in Building J1.
- 1115 - Representatives from AEP on site to assess electrical power supply on property and to confirm de-energized electrical wires/substation.
- 1400 - START conducting photo and video documentation of exterior of Building J1. START updating site documentation and

- (valves/fittings/sizes) in Building J1.
- START measuring and diagramming/mapping the interior features of Building J1 - Level 2. Also, START conducting photo and video documentation of features/transformers on Level 2 of Building J1 and extracting specification information from plaques on transformers of Level 2 (J1-D thru J1-I).
- 1900 - DAILY WORK ORDER MEETING (topics of discussion):
 - 3 transformers still need to be inspected in Building J1 (Level 2).
 - Pump house to be accessed tomorrow.
 - ERRS/START to collect PCB oil samples from exterior transformers in substation (SS).
- 1945 - START, OSC, and ERRS personnel off site. (Most ERRS off site at 1900 hours.)

Drew Pearce

- FRIDAY, AUGUST 4, 2000

- 0650 - START Leance and Elliott on site.
- 0710 - ERS personnel on site.
- 0715 - MORNING SAFETY MEETING (topics of discussion):
 - 3 transformers still need to be inspected in Building J1 (information on fittings/valves/size).
 - ERS to access transformer for visual inspection in Building J2 (info gathered).
 - ERS to then access pump house.
 - ERS to sample exterior transformers (SS).
 - Personal hygiene important.
 - Physical hazards - slip/trip/fall, holes.
 - Heat stress awareness important (fluids).
- 0800 - ERS continue visually inspecting transformers on level 2 of Building J1 (three remain to be inspected) and gathering info from spec plaques.
- 0830 - START Leance had phone conversation with previous Project Lead, START Vincent, regarding estimated quantities of PCB oil for removal and cost estimations submitted to OSC Cook.
- 0900 - START Elliott and ERS for sampling PCB oil from exterior transformers at substation (SS). START conducting photo and video documentation of exterior transformers at substation and extracting specification information from plaques on transformers (SS-J thru SS-L).
- 0930 - START met with OSC Cook to discuss removal cost estimations, estimated quantities of PCB oil for removal, and transformer carcass dismantling, removal, and disposal.
- 1030 - START Elliott and ERS to begin accessing transformer inside pump house.
 - runs Chl01-N-Oil Tests on Transformer
 - SS-J < 50 ppm PCB & SS-K > 50 ppm PCB

- ERS crew continues on Transformers in J1.
- START continues on-site paperwork & maps extends of Buildings J-2 and the pump house.
- 1100 - START reviewing ERS 1900-SSr.
- 1130 - START Leance and Elliott met to discuss scope of work for removal of transformers and oils. According to OSC Cook, Phase I of project will involve removal of all and disposal of all transformer oils and then Phase II will involve dismantling, removal, and disposal of the transformer carcasses.
- ERS for meeting with representative from Ohio Transformer regarding disposal of exterior transformers at substation (SS). PCB Oil samples collected this morning were given to Ohio Transformer for disposal analysis. (Oil samples were split with START).
- 1400 - START continues reviewing ERS 1900-SSr.
- 1530 - ERS have accessed three transformers on levels 2 and 3 in Building J2. A fourth transformer is suspected to be located on 1st floor of Building J2.
- 1645 - START performing cost tracking and beginning to enter information taken from transformer plaques into a spreadsheet.
- 1730 - START drafting POROP #1 (Initial) and performing cost tracking.
- 1800 - DAILY WORK ORDER MEETING (topics of discussion):
 - Pump house has been accessed by ERS; found one transformer.
 - ERS to inventory capacitors in Building J1.
 - ERS to access suspected 4th transformer in Building J2; continue transformer

assessments in Building J2, Substation, and Pumphouse.

-1830 - OSC, START, and ERRS personnel off site

Don leave

- SATURDAY, AUGUST 5, 2000

-0700 - START leave and Elliott on site.

-0710 - ERRS personnel on site.

-0715 - MORNING SAFETY MEETING (topics of discussion):

- Continuation of transformer assessments in Building J2, Substation, and Pumphouse by ERRS and START.
- ERRS to clear and grub around Pumphouse.
- ERRS to access remaining transformer(s) in J2.

-0830 - ERRS continuing assessment/inspection of transformers in Building J2 (fittings/valves/sizes). ERRS to get a ladder to access 4th transformer in J2.

-0900 - START begins inventory of GE capacitors in Stockroom/Repair Shop of Building J1. A total of 159 capacitors of four different sizes/models were inventoried and measured.

-0930 - START measuring height of Level 2 from GF in Building J1 and also dimensions of the bridge/ramp on Level 2.

~~0950~~ -1030 - START performing air monitoring and assessment activities in the Pumphouse. START inspected Substation transformers and observed liquid leaking from one of the transformer "cooling fins" onto a sorbent pad on the ground.

-1030 - START begins measuring and diagramming/mapping the interior features of Building J2 (Front, Middle, and Back (L2-L3)).

-1400 - START measures height of Building J2 - Level 1 (middle section; AKA Balcony) from the ground floor (GF): 19 feet. START measures dimensions of Level 1 (middle; AKA Balcony) in Building J2 and transformer vault containing J2-N. START extractor

information/specifications from plaque of transformer J2-N.

-1500-DAILY WORK ORDER MEETING (topics of discussion):

- Health and safety issues in Building J2 (e.g., ladder placement for access to J2-N and CR2/PPE waste/DECON setup for J2).
- Possible 5th transformer in Building J2 (level 2) - has "blue sticker" from Ohio EPA Enforcement on door of transformer vault (contains <math>< 50\text{ ppm}</math> PCB in oil of transformer).
- Removal strategies and planning for oil draining and disposal operations.

-1530-OSC, START, and ERRS personnel off site

Draw Leaver

JEFFERSON PROCESSING

MONDAY, AUGUST 7, 2000

-0700-START Leaver and Ellicott on site.

-0710-ERRS personnel on site

-0715-MORNING SAFETY MEETING (topics of discussion):

- ERRS to find safer location for ladder access to J2-N.
- Entrance/PPE/DECON at back-side roadway/ramp of Building J2 (access at level $\frac{1}{2}$ - back).
- Hospital location maps are posted on all vehicles and in work trailers.
- ERRS to be fully suited when opening transformers.
- Proper lifting (with legs) awareness important.
- ERRS have inspected the oil levels in all of the accessed transformers so far (except for three which cannot be opened - 500 gal transformers). Transformers all are full.
- ERRS to access suspected 5th transformer located in Building J2 - Level 2 (back).

A total of 18 transformers (J1-A thru J1-I; SS-J thru SS-L; PH-M; and J2-N thru J2-R) are suspected in Buildings J1+J2, Pumphouse, and Substation at this time (one unaccounted).

-0800-ERRS begin work in Building J2 - level 2 (back); accessing suspected 5th transformer (J2). START met with ERRS PM to submit current transformer specification information, and building dimensions (J2 + Pumphouse), level heights in J1+J2, and J1-level 2 bridge/ramp dimensions. START drafting PARER #1.

-0930- ERRS Access Additional Transformer in Building J2 Level 2. Gain Access to Transformer & get information from Transformer.

1100 ERRS begins work on segregating & staging capacitors. 15

1330 ERRS crew out to lunch. 15

- 1430 - ERRS crew back from lunch. Continue working on Capacitors. ERRS Inventories all Capacitors + Capies serial numbers. Total of 159 Capacitors CS
- 1600 - ERRS preps sample jars in preparation to begin sampling in morning. CS
- START drafting label #1 and performing cost tracking for EPA and START (costs-to-date).
 - 1800 - DAILY WORK ORDER MEETING (topics of discussion):
 - Phone connection established today.
 - Sample transformers for disposal (ERES).
 - Start packaging capacitors (have been staged and inventoried) in ~~SS~~ ^{overpack} drums (ERES).
 - Continue air monitoring.
 - Possibly begin inventory of drums in Drum Room.
 - Temporary demobilization after Friday, 8/11/00, (C.O.B.) for EPA, START, and ERRS personnel. AEP to ground transformers at Substation.
 - 1830 - Most ERES personnel off site.
 - 1900 - OSC off site.
 - 1930 - START off site.

Open Leance

JEFFERSON PROCESSING

- TUESDAY, AUGUST 8, 2000

- 0700 - START Leance and Ellicott on site.
- 0710 - ERRS personnel on site.
- 0715 - MORNING SAFETY MEETING (topics of discussion):
 - ERRS to begin sampling oils from transformers (J1A through J2-R) for disposal (starting in J2).
 - Proper disposal of waste PPE/sampling supplies.
 - Physical hazard awareness - slip-trip-fall, noise.
 - Weather: possible thunderstorms today; temps in the low to mid 80s.
- 0800 - ERRS prepared for sampling oils from transformers in Building J2 for disposal analytical (utilizing 8-oz cwm). A total of 15 transformers will be sampled for PCBs in oil for disposal analytical purposes.
- 0845 - START drafting Site Contact List.
- 0915 - START investigating DOT/IATA/FED Ex requirements for labeling and marking 46 boxes for PCB sample shipment (Class 9 and "PCB" labels).
- 0930 - START updating/editing EPA/START cost tracking spreadsheet.
- 1030 - START assembling POLAEP distribution list for label #1 (Initial) and editing list.
- 1100 - News reporter with "News Herald" on site to meet with OSC Cook and take photos for newspaper article.
- 1130 Crew completes sampling of 5 transformers located in Building J2. START begins field oil - N.Oil tests on J2 Transformers.
- 1145 START runs field screening tests on transformer oil from Building J2 + on remaining SS sample. Results: J2 N - pure PCBs; J2-O - <50 ppm; J2-P - >50 ppm; J2-Q - pure PCB; J2-R - <50 ppm.

- SS-L - < 50 ppm. CB
- 1400 - Crew begins sampling transformers in Building J1. Cannot access J1-B due to rusted pipes + fittings. Will access from top.
 - START runs field Chlor-N-Oil tests on samplers from Building J1. J1-A - Pure PCB
J1-C - Pure PCB.
 - 1700 - ER START entering transformer info into document.
 - 1800 - ERRS accessed transformer J1-B from top.
 - 1800 - DAILY WORK ORDER (topics of discussion):
 - Continue sampling oils from transformers in Building J1. ERRS completed sampling oils from transformers in Buildings J1+J2.
 - ERRS to begin packaging capacitors in drum overpacks for disposal.
 - Continue air monitoring (personal air pumps).
 - AEL ~~grounded~~ transformers at Substation today.
 - Package PCB oil samples in 46 boxes in preparation for shipment via FedEx.
 - 1830 - OSC, START, and ERRS personnel off site.

Done Leance

WEDNESDAY, AUGUST 9, 2000

- 0700 - START Leance and Elliott on site.
- 0710 - ERRS personnel on site.
- 0715 - MORNING SAFETY MEETING (topics of discussion):
 - ERRS completed sampling oils from transformers (15) inside buildings J1+J2.
 - ERRS to reseal/seal/lock vault doors to transformers in Buildings J1+J2.
 - Analytical results from composite bulk dust samples, collected by ERRS H+S Officer on 8/1/00, indicate high levels of chromium and several other heavy metals in the dust.
 - ERRS to collect sample of transite building panel for ACM analysis.
- 0800 - ERRS prepare for resealing/sealing transformer vault door in Building J1.
- 0900 - START editing/updating RCMS cost tracking spreadsheets and EPA/START cost tracking spreadsheets.
- 1130 - START faxing POLY#1 (Initial) to EPA. Contacts on distribution list for Leance.
- 1200 - START and OSC met to discuss scope of work and timetable for next four weeks during transformer oil T&D period.
- 1245 Out to lunch. CB
- 1345 Back from Lunch. START does Chlor-N-Oil Tests on remaining Transformer Samples:
 - J1-B - Pure PCB; J1-D - > 50 ppm PCB;
 - J1-E - > 50 ppm PCB; J1-F - < 50 ppm PCBs;
 - J1-G - < 50 ppm PCBs; J1-H - > 50 ppm PCBs;
 - J1-I - Pure PCBs;
 - PH-M - Pure PCBs. START runs chromatate test on large puddle in Building J1 Middle section. EM Quant Chromate Test Results 30 ppm or mg/l CrO₄

ERRS continue work in Building J20 1
 securing doors to vaults of transformers
 rooms. Delivered today 50 salvage
 drums + 4 boxes of vermiculite. — CB

8/11 - Attend Work Order Meeting: Completed
 securing vaults in J1; Started securing
 vaults in J2; Air Monitoring ongoing; Package
 samples for shipment possibly Friday, latest
 Monday; AEP substitution grounding has been
 postponed. Tomorrow: Finish Securing vaults
 Air monitoring, Pack Transformer, Package oil
 samples & shipment; — CB

-1830 - OSC off site. Most ERRS personnel off site
 -1845 - START off site.

T. J. Elliott
 8/9/00

10 August 2000, Thursday

0700 START, ERRS on site. Safety Meeting:
 Work to be done: Finish J2 vault sealing
 Overpack capacitors, Access building across
 street; Package samples today; Inventory
 PPE; Hazards: particulate monitoring;
 drum handling, heavy lifting; Rolling
 drums; Exposure: Air Monitoring; Slip, Trips
 + Falls; Severe Weather; Elevated work
 surfaces; Good Work practices; Hearing conservation;
 0730 Crew begins work securing vault doors
 in Building B/J2. — CB

1000 AEP + Mitchell Electric on site to switch
 power over from Generator to Electric.
 1030 All Vaults secure and Crew begins
 drumming capacitors. Trailer running on
 power. — CB

1300 Out to lunch — CB

1400 Back from Lunch. START logs photos
 + works on Cost tracking / RCMSI and
 reviews 1900-55s — CB

Crew continues to load capacitors into
 drums. — CB

1530 RM + START package samples for shipment
 Make two dup samples J2-S = PH-M
 J2-T = J1-D. — CB

1600 START works on paperwork + POLREV#2 — CB

1800 Do Work Orders. Tomorrow: Complete package
 capacitors. 26 drums complete; 14 to do
 Clean + grab entry to substation Investigate
 Lab Area; Secure site; remove unnecessary
 equipment. Bobcat, into truck. — CB

1830 Personnel Off site — CB

T. J. Elliott
 8/10/00

11 August 2000 Jefferson Processing

- 0700 START on site CB
- 0710 ERRS crew on site. Safety meeting and discussion of what to be done today. Continue with Capacitors. Clean & grub near substation. Clean up & pick up tool in prep for demob. Clear & grab around Lab building. Pay attention, last day before demob. CB
- 0730 Crew begins overpacking remainder of Capacitors CB
- 0800 AEP on site installing light pole to provide light at night for security.
- 1000 ERRS completes overpacking capacitors a total of 41 drums. ERRS samples Hydraulic Fluid. CB
- 1030 Crew begins grubbing around the Substation. START reviews the ERRS 1900-55 + Works on POLREP # 2. CE
- 1130 START runs Chlor-N-Oil test on the hydraulic oil. Very thick stuff. Test inconclusive. May contain PCBs. CB
- 1245 Out to lunch. CB
- 1345 Arrival of Vermiculite. 24 bags delivered today. CB
- * Backhoe Generator Demobed yesterday 50 KW CB
- Hydraulic Oil Sample called H.D-V. CB
- Crew grubbing around Waste Water plant across the street. 3 AST, 1 MT, 2 not able to access from ground. CB
- 1800 START off site to pick up photos CB
- 1830 ERRS Crew off site CB

- FRIDAY, AUGUST 25, 2000

[START PHASE I]

- 0700 - START leave on site.
- 0710 - ERRS personnel on site. START Rosen and CSC on site.
- 0715 - MORNING SAFETY MEETING (topics of discussion):
 ~36,000 gal of transformer oil
 ~25,000 gal of PCB transformer oil
 - 3 pump trucks scheduled for Sat. ~~8/26~~ (8/26 + ~~8/27~~)
 and 2 pump trucks scheduled for Mon + Tues (8/28 + 8/29).
- 0800 - ERRS begins reopening transformer vaults (doors) in Building J1.
- 0900 - START leave giving Site/US briefing to START Rosen. START Rosen reviewing Site Safety Plan. START unloads equipment/supplies from vehicle for work trailer/CP.
- 1000 - START Rosen reviewing Site background/history information (Site Assessment Report).
- 1130 - CSC, ERRS PM, and START leave investigate cost projections for Phase I + II disposal operations (oil/transformer carcass T+D) and future scope of work and timetables for Site (thru the end of October 2000).
- BACKNOTE: START calibrating air monitoring equipment at 1030 hours.
- 1200 - ERRS reopening doors to transformer vaults in Building J2.
- 1400 - START leave and Rosen conduct site walk through and air monitoring in Building J1.
- 1430 - ERRS begin prepping valves/fittings on transformers in Building J1 in preparation for pumping and T+D operations tomorrow 8/26/00.
- 1500 - START Rosen reviewing transformer information, and START leave drafting sampling scheme for Cross Creek (soil/sediment/water) and slag piles (solid). START gathering sampling supplies; ordering preservatives

- 1800-DAILY WORK ORDER MEETING (topics of discussion):
 - ERES reopened doors to transformer vaults in Buildings J1 and J2.
 - ERES prepped valves/fittings to transformers in Buildings J1, PH, and J2 (also SS) for pumping on 8/26.
 - Tomorrow: pump/T+D PCB-oil transformers (>500 and <500 ppm PCB) - three trucks total.
- 1830-Most ERES, OSC, and START Rosen off site
- 1930-START leave and ERES PM off site

Down Leave

-SATURDAY, AUGUST 26, 2000

- 0700-0700 START and ERES personnel on site.
- 0710-MORNING SAFETY MEETING (topics of discussion):
 - Pumping/T+D of >500 ppm and 50-500 ppm PCB oil transformers in Buildings J1, J2, and PH.
 - ~~First~~ Two trucks (~3,500 gal) of three which are scheduled for today are for T+D of low-level (i.e., 50-500 ppm PCB) PCB-oil in transformers starting in Building J1 (J1-D, J1-E, J1-H) then proceeding to Building J2 (J2-P). All of the aforementioned transformers in Buildings J1 and J2, which are low-level PCBs in oil (50-500 ppm), are 2,230-gal capacity.
- 0730-ERES prepare for first truck hook-up to transformer J1-A for Safety-Kleen/Triad truck. START calibrating air monitoring instruments.
- 0800-2nd vac truck arrives on site (Triad Transport). 1st vac truck arrived at 0630 hrs. this morning (Safety-Kleen). START begins contractor monitoring, documentation of removal activities, and air monitoring support in Building J1.
- 0815-0830-Safety-Kleen/Triad Transport vac truck pumps out high PCB oil from transformer J1A.
- 0830-0900-Safety-Kleen/Triad Transport vac truck pumps out high PCB oil from transformer J1B.
- 1015-1100-Safety-Kleen/Triad Transport vac truck pumps out high PCB oil from transformer J1C.
- 0930-1045-Safety-Kleen vac truck pumps out low PCB oil from transformer J1-D.
- 1100-1130-Safety-Kleen vac truck pumps out low PCB oil from transformer J1-E.
- 1145-1220-Safety-Kleen vac trucks (Triad and Environs) pump out high and low PCB oil from transformers J1-I (high) and J1-H (low) in Building J1.

- BACKNOTE: 3rd vac truck arrived on site at 1030 hours (Safety-Kleen/EnviroServe).
- 1245 - OSC, ERRS RM, and START Pearce met to discuss work schedule for this week.
- 1445 - 1530 - ERRS and subcontractors begin pumping oil from transformers in Building J2 (J2-P and J2-Q). Safety-Kleen/EnviroServe vac truck pumped out low PCB oil from transformer J2-P, and Safety-Kleen/Triad Transport vac truck pumped out high PCB oil from transformer J2-Q.
- 1600 - Safety-Kleen/Triad Transport vac truck pumping out high PCB oil from transformer J2-N.
- 1620 - Safety-Kleen/Triad Transport vac truck pumping out high PCB oil from transformer PH-M.
- 1730 - DAILY WORK ORDER MEETING (topics of discussion):
 - A total of 11 transformers were emptied of their PCB oil (low and high levels) to date in Buildings J1, J2, and the lamp house (PH) for T+D by Safety-Kleen (Triad Transport and EnviroServe).
 - ERRS and subcontractors to continue pumping out oil from transformer (SS-J and SS-K) on 8/28/00. Also, ERRS to grade access road to the Substation and to begin resealing doors to transformer vaults.
- 1745 - Most ERRS personnel off site.
- 1800 - OSC Cook off site.
- 1900 - ERRS RM and START Pearce off site.

~~Drew Pearce~~

- MONDAY, AUGUST 28, 2000
- 0700 - START Pearce and Rosser on site.
- 0730 - ERRS personnel on site (truck had a flat tire).
- 0730 - MORNING SAFETY MEETING (topics of discussion):
 - Two Safety-Kleen vac trucks arrived on site at 0650 hrs. to pump low-level PCB oil from the Substation transformers (SS-J and SS-K).
 - ERRS to begin resealing doors to transformer vaults in Building J1.
- 0815 - ERRS personnel begin prepping valves (1") on Substation transformers (SS-J and SS-K) which contain low-level PCB oil for T+D.
- 0900 - ERRS personnel and subcontractors began pumping PCB oil from transformers (SS-J and SS-K) into the Safety-Kleen trucks. Each truck was pumping one transformer.
- 1000 - START Pearce and Rosser began cost tracking. ERRS began their 1000 am. break.
- 1200 - ERRS personnel and subcontractors finished pumping PCB oil from transformers (SS-J and SS-K) into Safety-Kleen trucks.
- 1300 - START Pearce and START Rosser prepared for sampling. Prepared supplies for creek sampling.
- 1910 - START Pearce and START Rosser finished sampling of creek. During 1400 - 1900 hours, START collected soil, sediment, and stream water samples at five locations along McIntyre and Cross Creeks (mc-01, cc-01, cc-02, cc-03, and cc-04). The samples are to be analyzed by Gulf Coast Labs Analytical Laboratories (Baton Rouge, LA) for the following parameters: TCLP metals and TAL metals and by TestAmerica (Orlando, FL) for PCBs.
- 1830 - Most ERRS personnel off site. OSC Cook off site.
- 2000 - START off site. Drew Pearce

- TUESDAY, AUGUST 29, 2000
- 0700 - START Pearce and Rosen and ERRS personnel on site.
 - 0715 - MORNING SAFETY MEETING (topics of discussion):
 - No vac trucks are scheduled for today.
 - ERRS to continue staging miscellaneous containers in Building J1 (drums and cylinders).
 - 0800 - ERRS prepare for accessing wastewater treatment plant across Gould Rd from Jefferson processing.
 - 1030 - 1100 - START Pearce and Rosen collecting 8-point composite samples of soil under the eight cooling fins for each of two Substation transformers (SS-J and SS-K). The soil composite samples are to be analyzed for TCLP metals, TAC metals, and PCBs.
 - 1100 - 1230 - START Pearce and Rosen collecting 5-point composite samples of slag material from three separate stockpiles surrounding Buildings J1 and J2 (J1-SP-01, J2-SP-01, and J2-SP-02). The composite stockpile slag samples are to be analyzed for TCLP metals, TAC metals, and PCBs.
 - 1330 - START packing labeling and packaging samples collected on 8/28 and 8/29/00 for shipment via FEDEX to Gulf Coast Analytical Laboratories and Test America. START also completing C.O.C. records for all samples.
 - 1630 - Most ERRS personnel off site.
 - 1645 - START Rosen off site.
 - START Pearce and ERRS RM continue packaging samples in coolers and completing C.O.C. records for FEDEX shipment.
 - 1820 - ERRS RM departed from site to deliver coolers (3) of samples to FEDEX (Wheeling, W.V.).
 - 1900 - START Pearce off site.

Drew Pearce

- WEDNESDAY, AUGUST 30, 2000
- 0700 - START Pearce and Rosen on site.
 - 0710 - ERRS personnel on site.
 - 0715 - MORNING SAFETY MEETING (topics of discussion):
 - Two tanker trucks scheduled today to drain ~~from~~ "non-haz PCB" oil (<50 ppm PCB) from SS, J1, & J2.
 - Inventory of hazardous materials found in laboratory to be conducted by ERRS chemist.
 - ERRS to resume site in preparation for demolishing today at C.O.B.
 - 0800 - First tanker truck (Safety-Kleen (HazMat Environmental Group), ^{which} arrived on site at 0430 hours, began draining non-haz PCB oil from Substation transformer SS-L.
 - 0900 - 2nd tanker truck (Safety-Kleen (HazMat Environmental Group)) which arrived on site at exactly 0900 hours, began to trade out 1st tanker at SS-L.
 - 1000 - 1st tanker truck (HAZMAT) begins draining the J2-R transformer. Finished at 1020. "Non-hazardous PCB oil."
 - 1030 - 1st tanker truck (HAZMAT) began preparation for J2-O transformer which contained non-hazardous PCB oils. The J2-O transformer turned out to be empty which was verified by ERRS. The J2-C transformer was initially thought to have been filled, during initial inspection by ERRS.
 - 1145 - 1200 - 1st tanker (HAZMAT) completely drained the J1-F transformer of its PCB oil.
 - 1200 ~~1200~~ RR Break for lunch.
 - 1300 - ~~Interview~~ ^{QSC} with Reporter from Herald-Star (photo).
 - 1400 - 1430 - START Rosen takes reporter to staging area of J1 building for photo of START.
 - 1430 - Both tanker trucks are still pumping PCB oil out of the J1-G transformer and SS-L transformer.

- 1500 - First tanker truck (HAZMAT) finished pumping the PCB oil out of the JT-6 transformer. The second tanker truck is still pumping the SS-L transformer.
- 1545 - 2nd tanker truck (HAZMAT) finished pumping the ^{Non-HAZ} PCB oils out of the SS-L transformer. The SS-L transformer contains <50 ppm PCBs.
- 1630 - 1st and 2nd tanker trucks leave site.
 - Took pictures of the cylinder and drum staging area. (START Pearce and START Rosser).
- 1730 - START Pearce reviewing ERRS 1900-SSR. ERRS personnel securing door to transformer vaults and covering staged drums, cylinders, and small containers with poly sheets in Building J1. START documenting container staging area.
- 1830 - START Rosser leaves site.
 - OSC Cook and ERRS personnel off site.

Drew Pearce

- TUESDAY, SEPTEMBER 19, 2000 [START PHASE II]

- 0700 - START Pearce and Starling on site
- 0710 - ERRS personnel on site
- 0715 - MORNING SAFETY MEETING (topics of discussion):
 - New ERRS crew on site to begin Phase II.
 - Be aware of "caution" tape and dark areas.
 - Decon area in Building J1 to be restocked/re-setup.
 - Transformers need to be disconnected from cabinets.
 - Two ERRS personnel teams for both buildings (J1+J2)
 - four crew members on each team (starting 9/20/00).
 - ERRS personnel to demo vaults and walls (Level C).
 - ERRS personnel to initially cleanup dust and then use water to spray floors down (Level C).
 - Scope of work in H&S amended for removal/demo of transite panels from building exterior and removal of transformer carcasses for off-site disposal.
 - Physical/construction/demolition hazards significant for Phase II in planned removal actions.
 - Heavy metals in dust - cleanup of dust in Level C (look for dust migration/fall out); inhalation and ingestion hazard with dust in buildings.
- 0800 - ERRS personnel prepare for initial site walk-through. START Pearce giving Site/H&S briefing to START Starling. START Starling reviewing Site Safety Plan. START unloading equipment/supplies from vehicle for CE/work trailer.
- 0900-1100 - ERRS PM, ERRS personnel (2 H&S Officers, 8 Technicians, 1 Foreman, and 1 Operator), and START Pearce and Starling conduct site walk-through in Buildings J1 and J2, and the Pumphouse (PH) to discuss scope of work for Phase II of the planned removal actions (demo/dismantling of transformers and removal/T+D of transformer carcasses off site).
- 1230 - START Pearce met with ERRS PM and OSC Cook

to discuss Phase II removal/T&D timetable and work schedule from now until November 3, 2000. Transformer carcass removal via cranes/rigging to be completed by sub-contractors by October 20, 2000.

T&D of transformer carcasses to be completed by sub-contractors by November 3, 2000. ERS crew demolition/dismantling work to be completed by ~10/6/00. (ERS to go to "skeleton" crew during sub-contractor rigging/T&D phase work periods, following demolition/dismantling by ERS crew)

-1500-ERS personnel spraying floors in Building J1 (I/E) with water for dust suppression measure and shovelling dust away from demolition work areas.

K. Starling was air monitoring; all personnel in level C.

-1700-OSC Cook met with START to discuss analytical results for streams (soil/sediment/water), and Substation (soil), and S. pits.

-1800-DAILY WORK ORDER MEETING (topics of discussion):

-ERS personnel setup decon area and began dust suppression measures (water spraying) and dust cleanup in Building J1 (Level 2).

-ERS to continue dust suppression/cleanup operations in Building J1 and to begin demolition of transformer vaults on level 2 (J1-D/J1-E).

-1830-All personnel off site (OSC, START, and ERS).

~~Drew Pearce~~

-WEDNESDAY, SEPTEMBER 20, 2000

-0700-START and ERS personnel on site.

-0710-MORNING SAFETY MEETING (topics of discussion):

-Level C during dust suppression/cleanup operations inside buildings.

-Physical hazards: slip/trip-fall; equipment awareness.

-Two teams of four ERS personnel for Buildings J1 and J2 at some point today.

-Stay away from metal plates which may cover holes in floors (J1-Level 2).

-ERS PM to conduct building walk-through with rigging/crane sub-contractors.

-0745-ERS prepare for dust suppression/cleanup operations inside Building J1. START

Starling calibrating air monitoring equipment.

dust cleanup will not proceed until after lunch.

ERS continues preparations, checking machinery etc.

0930- personnel arrive onsite for bid proposals

Rob Kearneth - Sun Chio

Paul E. Turner - TCI

Howard Bowers - H. Bowers

Lynn Fritz - Safety Kleen

Maria Fisher - Safety Kleen

proposal personnel attend site safety meeting.

1000- Starling, Charlie Keegan (ET), and personnel for bid proposals do site walk-through.

1310- Site walk-through complete.

1400- ERS crew preparing for dust removal

at J1-D/J1-E and J2-Q;

setting up water drums, lights, and scaffolding.

1430- ERS splits into 2 teams; #1 team to

work in Bldg J1; team #2 in Bldg J2

all personnel level C

- 1800-DAILY WORK ORDER MEETING (topic of discussion):
 - ERRS RM, START, and rigging/crane/TID subcontractors performed scope of work walk-through in Buildings J1 and J2.
 - ERRS performed dust suppression and cleanup in areas around J1-D, J1-E, and J2-Q.
 - ERRS to continue dust suppression/cleanup in Buildings J1 and J2.
 - ERRS to possibly begin demolition ^{prep} work on transformer vaults/structures tomorrow (9/21).
- 1830-All personnel off site (OSC, START, and ERRS).

Over leave

-THURSDAY, SEPTEMBER 21, 2000

- 0700-START and ERRS personnel on site.
- 0710-MORNING SAFETY MEETING (topic of discussion):
 - Avoid standing water w/ electrical equipment/cords.
 - Body harnesses for "elevated surfaces" (i.e., 6 ft).
- 0900-ERRS personnel conducting dust suppression and cleanup operations in Buildings J1 and J2.
- 0945-ERRS crew cleaning up debris/dust on roof of J1-E transformer vault (J1-level 2).
- 1100-ERRS RM, ERRS H+SO, and START met to discuss air monitoring readings with RAMs and PPE levels.
- 1400-ERRS crew #1 cleaning up debris/dust around J1-E transformer and large blower near J1-D which is to be removed to allow for better access to transformer. START leave performing cost tracking.
- 1400-1600-ERRS crew #2 cleaning up debris/dust around transformer J2-D/P.
- 1600-ERRS crew moving dust/debris away from work zones/pathways on the ground floors in Buildings J1 and J2.
- 1800-DAILY WORK ORDER MEETING (topic of discussion):
 - ERRS continued dust suppression/removal activities in Buildings J1 and J2 (worked primarily in areas around J1-D, J1-E, J2-P, and J2-N).
 - ERRS began setting up for demolition work around J1-D/E and J2-Q (demolition work to begin tomorrow, 9/22/00).
- 1830-All personnel off site (OSC, START, and ERRS).

Over leave

- FRIDAY, SEPTEMBER 22, 2000

- 0700 - START and ERRS personnel on site.
- 0710 - MORNING SAFETY MEETING (topics of discussion):
 - ERRS may downgrade PPE level to modified D.
 - ERRS to begin transformer vault demolition today in Buildings J1 (A/E) and J2 (A) (levels 2 and 3, respectively in each building - 2 crews).
- 1000 - ERRS subcontract bidders on site to conduct Site walk-through with START and ERRS per and to discuss scope of work for two subcontracts:
 - (1) crane/rigging operations for transformer removal and
 - (2) transportation and disposal (T+D) of transformers.
- START leave met with OSC to review/discuss analytical ^{results}.
- 1230 - sub contract bidders offsite.
- 1310 - Start demolition of middle wall J2-Q vault. (i.e., busting brick with sledge hammers, suppressing dust with water hose).
- 1410 - demolition of the N wall @ J1-D begins.
- 1430 - demolition complete @ J2-Q, pick-up/move debris.
- 1500 - J1-D half way down (vault demolition).
- 1630 - J1-D wall down, start moving debris from demo work.
- 1700 - J1-D debris moved; begin moving equipment to J1-I, J1-H.
- 1530 - J2-P demolition starts on vault walls.
- 1800 - DAILY WORK ORDER MEETING (topics of discussion):
 - START to conduct site assessment/survey documenting "visual" extent of contamination on entire property during first week of October. Property/topo maps for property are to be used to document visual hazards/extent of contamination on site.
 - ERRS personnel to continue dust suppression/cleanup, transformer vault demolition, and frame to begin transformer dismantling/cleaning activities in Buildings J1 and J2.
- 1830 - All personnel off site (OSC, START, and ERRS). Drew leave

- SATURDAY, SEPTEMBER 23, 2000

- 0700 - START, OSC, and ERRS personnel on site.
- 0710 - MORNING SAFETY MEETING (topics of discussion):
 - ERRS to clean transformers in Building J1 (D).
 - ERRS to clean transformers in Building J2 (A).
 - ERRS to finish demolition on transformer vaults J2-P, J1-I, and J1-H.
- 0800 - ERRS teams prepare for dust suppression/cleanup, transformer vault demolition, and transformer dismantling/cleaning activities in Buildings J1 + J2.
- 0830 - START reviewing ERRS 1900-55 and performing cost tracking.
- 0800 - continue demolition on J2-P. wash down loose debris, dust from J1-D
- 0930 - Demolition complete on J2-P wall, begin removing debris note: during all phases of demolition and removal of debris dust is being suppressed with water.
- 1000 - J1-D completed.
- 1030 - Begin demolition of J1-H. continue debris removal of J2-Q.
- 1300 - Begin disassembly of side panels from J2-Q demolition of J1-H complete, begin removing debris.
- 1345 - J1-H debris removal complete begin disassembly of J1-H (cutting all wires, cables, and ...)
- 1430 - J1-H complete; set up for J1-I.
- 1440 - begin demolition of J1-I begins; continue disassembly of J2-Q.
- 1635 - J1-I demo complete, begin removing debris
- 1720 - continue disassembly of J2-Q; debris removed from J1-I.
- 1800 - DAILY WORK ORDER MEETING (topics of discussion):
 - Weather: rain showers; temps in the 60s-70s.

- ERRS completed the following tasks in Buildings J2/J1:
 - (J2) Demolition, cleanup, and dismantling of transformer/vault J2-P.
 - (J2) Cleanup and dismantling of transformer J2-Q.
 - (J1) Demolition of transformer vault J1-I.
 - (J1) Demolition, cleanup, and dismantling of transformer/vault J1-H.
 - (J1) Cleanup and dismantling of transformer J1-D.
- ERRS relocated/staged beam of ~~slag~~ ^{slag}, which was blocking access to roadway ~~between~~ ^{next to} Building J2.
- 1800 - A concerned citizen, Tom Dillon, who lives in a house southeast of the Site, (on hill across from Site on opposite side of Cross Creek), stopped by the Site during the Daily Work Order Meeting. The citizen, Mr. Dillon, appeared distressed and extremely agitated regarding the Site in general and, specifically, his observation of an ERRS operator relocating a stockpile/beam of material which was blocking the access to the ~~southern~~ ^{southern} entrance of Building J2. Mr. Dillon met with OSC Cook (ERRS RM and START also present) to inquire about the relocation of the road block/beam and preliminary (verbal) analytical results from the sampling of McIntyre/Cross Creek and on-site stockpiles. Mr. Dillon stated that another citizen came to his house with a petition about the Site. Mr. Dillon was concerned about the materials in the Site stockpiles and the quality of Cross Creek.
- 1830 - Mr. Dillon off site.
- 1900 - OSC, START, and ERRS RM off site.

Drew Pearce

- MONDAY, SEPTEMBER 25, 2000

- 0700 - START and ERRS personnel on site.
- 0710 - MORNING SAFETY MEETING (topics of discussion):
 - Weather: partly cloudy w/ chance of showers; temps in the upper 60s.
 - ERRS crews to continue transformer vault demolition and transformer cleanup/dismantling in Buildings J1 and J2.
- 0900 - ERRS crew continuing cleanup and dismantling work on transformer J1-I. ERRS preparing for demolition/dismantling work on transformer J2-N.
- 1100 - plates cutoff of the top of transformer J1-H. set-up to do mechanical on J1-I - removal of nuts, bolts, side panels, and top panel. J2-P setting up for hot work cutting beam across door.
- 1600 - J1-I mechanical demolition complete, prep for mechanical demolition of J1-E.
- 1700 - J1-E begins mechanical demolition, cutting ~~up~~ ^{up} braces, and top plates.
- 1800 - DAILY WORK ORDER MEETING (topics of discussion):
 - ERRS crew completed the following tasks:
 - Cleanup and dismantling of transformer J1-I.
 - ERRS began dismantling transformer J1-E in preparation for back-hoe arrival tomorrow (9:30)
- 1830 - OSC, START, and ERRS ~~RM~~ off site.

Drew Pearce

- TUESDAY, SEPTEMBER 26, 2000

- 0700 - START and ERRS personnel on site.
- 0710 - MORNING SAFETY MEETING (topics of discussion):
 - ERRS to ~~prepare~~^{perform} for "hot" work (torch) and back-hoe ram for demolition at J2-N and J1-E. Back-hoe w/ hammer/ram is to be delivered to site today at 0900 hrs.
- 0800 - ERRS crew completing all mechanical and hot work for J2-N (i.e., cutting all welded braces for side panels and beams across doorway, also, cutting all electric cables.)
- J1-D - start cutting fins off the top of the transformer.
- 1030 - J1-D - complete; start cutting fins from the top of J1-E.
- 1300 - set-up for demolition of J1-E.
- 1330 - Begin demolition of J1-E using backhoe tractor with hammer-bit attachment. J2-N complete; crew goes through out ~~building~~ building looking for any more locations for hot work or any mechanical work before crews move to PH-M (Pumphouse).
- 1700 - demolition complete; begin removal of debris from demolition.
- 1800 - DAILY WORK ORDER MEETING (topics of discussion):
 - ERRS crew completed demolition, cleanup, and dismantling work on transformer J2-N.
 - ERRS crew used backhoe ram to demolition transformer vault J1-E.
 - ERRS chemist to perform hazcating activities for compatible waste bulking of materials in miscellaneous containers stored in Building J1.
- 1830 - OSC, START, and ERRS off site. Drew Lewis

- WEDNESDAY, SEPTEMBER 27, 2000

- 0700 - START and ERRS personnel on site.
- 0710 - MORNING SAFETY MEETING (topics of discussion):
 - ERRS to perform demolition work at transformer J1-C.
 - ERRS to complete cleanup at transformer J1-E.
 - ERRS to begin cleanup/dismantling work at transformer PH-M (Pumphouse).
- 0800 - to complete J1-E: cutting fins from the top of transformer, final cleanup of debris and final rinse of transformer. J2 team making final rounds at Bldg.
- 0900 - J2 team moves to pumphouse for mechanical demolition of PH-M.
- 1030 - Begin moving equipment from J1-E to J1-C before final rinse of transformer. Begin mechanical demolition of PH-M.
- 1100 - Begin demolition of J1-C using backhoe tractor with a hammer-bit attachment.
- 1300 - Continue PH-M demolition.
 - Final rinse of J1-E completed.
 - Begin removal of debris from J1-C.
- 1330 - Begin HAZ-CATING (level B) of misc. containers (J1).
- 1530 - Begin mechanical demolition of J1-C.
- 1600 - Begin final rinse of PH-M transformer.
- 1700 - PH-M complete; begin moving equipment to J1-A/B - continue mechanical dem of J1-C.
- 1800 - DAILY WORK ORDER MEETING (topics of discussion):
 - ERRS crew completed demolition, cleanup, and dismantling work on transformer PH-M.
 - ERRS crew cleaned and dismantled transformer J1-E.
 - ERRS crew completed demolition of transformer vault J1-C.
- 1830 - OSC, START, and ERRS personnel off site. Drew Lewis

- THURSDAY, SEPTEMBER 28, 2000

- 0700 - START and ERRS personnel on site.
- 0710 - MORNING SAFETY MEETING (topics of discussion):
 - ERRS crew to perform demolition, cleanup, and dismantling work on transformer JI-A/B.
 - ERRS crew to finish cleanup and dismantling work on transformer JI-C.
 - Keep electrical cords out of standing water.
 - Continue to wear hearing protection.
 - Weather: partly cloudy; temps in the 50s.
- 0730 - crew #1 begin mechanical demolition of JI-C.
crew #2 begin demo of garage door for entry to JI-A/B.
- 0800 - crew #2 begins mechanical demo of JI-A/B.
HAZ-CAT resumes today.
- 1300 - JI-C mechanical complete; begin final rinse.
- 1400 - JI-C complete; team moves equipment to ocean.
- 1600 - Begin rinse and cleaning of JI-A/B.
- 1800 - DAILY WORK ORDER MEETING (topics of discussion):
 - ERRS crew completed demolition, cleanup, and dismantling work on transformer JI-A and JI-B. Also, ERRS crew completed cleanup and dismantling work for transformer JI-C.
 - ERRS chemist continued compatible work bulking after haz-cuffing waste container contents.
 - ERRS chemist to collect compatible waste bulk samples for disposal analysis tomorrow.
- 1830 - OSC, START, and ERRS personnel off site.

Drew Pearce

Roll #9	DATE	DIR	SUBJECT
Frame 1	9/27	N	completion of JIE
2	9/27	N	RAM mechanical removal
3	9/27	NE	demolition of JI-C
4	9/27	NE	HAZ-CAT

- REMAINDER OF ROLL IS PHOTOS FROM OVERFLIGHT.

- OVERFLIGHT (AERIAL PHOTOS): ROLLS #9 - #15

Roll # 8

Frame	DATE	Direct.	Subject
1	9/19	S	S. of JKS S. of J1-D removing dust
2	9/20	NE	- dust removal J2-Q
3	9/20/00	NW	- EPA CP/work trailer (interior) map board
4	9/20/00	NW	- " " " " (") " "
5	9/21/00	NE	J1-E dust removal
6	9/21/00	NE	J1-E " "
7	9/21/00	E	J2-P " "
8	9/21/00	S	J2-P " "
9	9/21/00	N	J2-P " "
10	9/22/00	W	demolition of J2-Q
11	9/22/00	S/W	" "
12	9/22/00	S/W	wall completed J2-Q
13	9/22/00	S	J1-D wall completed
14	9/22/00	N	J2-I before demolition
15	9/22/00	NE	J2-H before demolition
16	9/23/00	N	J2-P demo of wall
17	9/23/00	N	J2-P demo complete exception of debris
18	9/23/00	NE	J1-H demo of wall
19	9/23/00	NE	J1-H demo half way point
20	9/23/00	NE	J1-H demo complete
21	9/23/00	N	J1-I demo complete
22	9/24/00	N	J1-E before demolition
23	9/26/00	N	J1-E midway demo
24	9/26/00	N	J1-E 3rd of dem

Roll # 4

Frame	Date	Direct.	Subject
2			
3			
4			
5			
6			
7			
8			
9			
10	8/7	W	Capacitors staged for overpacking
11	8/7	W	" "
12	8/8	NA	Chlor-N-Oil Test on J2-N
13	8/8	NA	Chlor-N-Oil Test on J2-O
14	8/8	NA	Chlor-N-Oil Test on J2-P
15	8/8	NA	Chlor-N-Oil Test on J2-Q
16	8/8	NA	Chlor-N-Oil Test on J2-R
17	8/8	NA	Chlor-N-Oil Test on SS-L
18	8/8	NA	Chlor-N-Oil Test on J1-A
19	8/8	NA	Chlor-N-Oil Test on J1-C
20	8/9	NA	Chlor-N-Oil Test on J1-B
21	8/9	NA	Chlor-N-Oil Test on J1-D
22	8/9	NA	Chlor-N-Oil Test on J1-E
23	8/9	NA	Chlor-N-Oil Test on J1-F
24	8/9	NA	Chlor-N-Oil Test on J1-G
25	8/9	NA	Chlor-N-Oil Test on J1-I

* For rolls #5, 6, 7 (dates 8/26 thru 8/30) see photo log. *

-R. Rossin

Frame	Date	Dir	Subject
4	8/4	N/A	START D. Pearce
5	8/4	SW	The Northeastern end of the Pump House
6	8/4	S	The Transformers Southeast of the
7	8/4	S	Substation SS-J, SS-K, + SS-L
8	8/4	N/A	Chlor-N-Oil test on SS-J
9	8/4	N/A	Chlor-N-Oil test on SS-K
10	8/5	E	159 Capacitors
11	8/5	W	Room in Building J1 containing capacitors
12	8/5	W	The Northwestern side of the pump house
13	8/5	W	"
14	8/5	N	Transformer PH-M
15	8/5	W	The Southwestern area of the Pump House
16	8/5	N	The Northwestern area of the Pump House
17 ¹⁸	8/7	N	Transformer J2-O
18 ²⁰	8/7	E	The vault containing Transformer J2-P
19 ²¹	8/7	E	Transformer J2-P
20 ²²	8/7	NW	The vault containing Transformer J2-Q
21 ²³	8/7	N	Transformer J2-Q
22 ²⁴	8/7	NE	The vault containing Transformer J2-R
25	8/7	N	Transformer J2-R
17	8/5	SE	Transformer J2-N
18	8/7	N	The vault containing Transformer J2-N

Frame	Date	Dir	Subject
2	8/4	NE	The Northeast section of Bldg J1 Level 2
3	8/4	NE	The Vault containing Transformer J1-E
4	8/4	NE	Transformer J1-E
5	8/4	NW	The Vault containing Transformer J1-F
6	8/4	SW	The Southwestern portion of Building J1 Level 2
7	8/4	NW	The Vault containing Transformer J1-F
8	8/4	SW	Transformer J1-F
9	8/4	SW	The Vault containing J1-G Transformer
10	8/4	S	Transformer J1-G
11	8/4	NE	The Southwest section of Bldg J1 Level 2
12	8/4	SW	Block in the Southwestern section of Bldg J1 Level 2
13	8/4	NE	The Vault containing Transformer J1-H
14	8/4	N	Transformer J1-H
15	8/4	NW	The Vault containing Transformer J1-I
16	8/4	NW	Transformer J1-I
17	8/4	SE	The Southeastern section of Bldg J1 Level 2
18	8/4	SE	EarthTech sampling Transformer SS-L
19	8/4	E	Transformer SS-J
20	8/4	E	Transformer SS-K
21	8/4	E	Transformer SS-L
22	8/4	N/A	Samples SS-J, SS-K, and SS-L
23	8/4	N/A	Puddles below Transformer SS-L
24	8/4	N/A	Puddles below Transformer SS-K
25	8/4	N/A	Puddles below Transformer SS-J

48 Roll #1

Frame	Date	Direction	Subject
0	8/3	NA	Multiple beads of green/yellow substance
1	8/3	NA	"
2	8/3	N	The South side of Building J1
3	8/3	N	"
4	8/3	NE	The Southwest side of Building J1
5	8/3	NE	"
6	8/3	N	The South side of Building J1
7	8/3	N	The North Southeast side of Building J1
8	8/3	W	The Southwest side of Building J1
9	8/3	NW	The Northeast end of Building J1
10	8/3	NW	"
11	8/3	NE	The Southeastern room of Building J1
12	8/3	NW	The Vault containing Transformers J1-A + J1-B
13	8/3	NW	Transformer J1-A
14	8/3	NW	Transformer J1-B
15	8/3	NE	The Northwestern room of Building J1
16	8/3	NW	The levels in Building J1
17	8/3	NW	"
18	8/3	N	The Vault containing Transformer J1-C
19	8/3	W	Transformer J1-C
20	8/3	NW	ERRS cleaning Transformer J1-C
21	8/3	SE	Building J1 Level 2
22	8/3	SE	"
23	8/3	SW	Transformer J1-D
24	8/3	SW	"
25	8/3	NE	Building J1 Level 2



Charles Keegan 7870 Villa Park Drive
 Suite 100
 Response Manager Richmond, Virginia
 23228
 E-Mail: ckeegan@earthtech.com Telephone: 801 515 8300
 Pager: 877 831 1001 Facsimile: 801 515 8310

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